

RESPONSE TO OFFICE ACTION
Old Atty. Docket No.: IOME-0781
New Atty. Docket No. P0762

Serial No.:09/903,113
Filed: July 11, 2001

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Amendments

IN THE CLAIMS:

Please cancel Claims 8-15.

1. (Original) A head stack assembly for interfacing with a flexible medium of a disk, comprising: a first head; a second head located substantially adjacent to the first head wherein the flexible medium may be disposed between the first head and the second head; the first head and the second head substantially parallel to each other and disposed at non-zero static roll angles θ_a and θ_b , respectively from the plane of the flexible medium.
2. (Original) The head stack assembly of claim 1 wherein the static roll angle θ_a and the static roll angle θ_b are from about 1 degree to about 2.5 degrees.
3. (Original) The head stack assembly of claim 1 wherein the static roll angle θ_a and the static roll angle θ_b are both about 2 degrees.
4. (Original) The head stack assembly of claim 1 wherein the static rolls angles of the first and second heads impart a curvature in the flexible medium.
5. (Original) The head stack assembly of claim 4 wherein the curvature in the medium reduces out-of-plane vibrations in the flexible medium in the region of the flexible medium proximate to the heads.

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6. (Original) The head stack assembly of claim 1 wherein each head further comprises a sensor, the sensor of the first head located distal from the sensor of the second head.

7. (Original) The head stack assembly of claim 1 wherein each head has a top and a bottom and each head further comprises a first and second rail, the first and second rail extending the length of the bottom of each head.

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

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16. (Original) A method of reducing out-of-plane vibration in a flexible medium in a region near a head stack assembly having a first and second head, comprising: angling the first and second heads such that the first and second head remain substantially parallel but offset from the plane of the flexible medium by non-zero static roll angles of θ_a and θ_b , respectively, thereby imparting a curvature in the flexible medium, and enhancing the communicative signal between the flexible medium and the head stack assembly.

17. (Original) The method of claim 16 wherein the static roll angles θ_a and θ_b are from about 1 degree to about 2.5 degrees.

18. (Original) The method of claim 16 wherein the static roll angles θ_a and θ_b are both about 2 degrees.

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